FLAGSTAFF SUSTAINABILITY PROGRAM

YEAR IN REVIEW: 2010

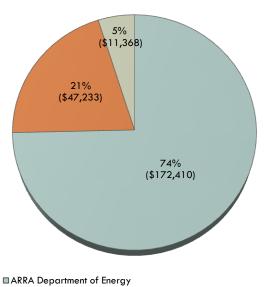
MISSION STATEMENT

The Flagstaff Sustainability Program promotes sustainable living and provides practical solutions through program and policy development to the Flagstaff community and municipal organization.

BUDGET

Contractuals and commodities for Fiscal Year 2010-2011 (June 30, 2010 – July 1, 2011) is \$56,475. Due to cash and in-kind leveraging the program reduced City funded expenditures to \$47,233.





City's Environmental Services Enterprise Fund (contractuals and commodities)

■ Living Cities Foundation

CASH LEVERAGING

Funding in the amount of \$184,000 was secured for community programming through federal, private and foundation grants. Funders include: the American Recovery and Reinvestment Act (ARRA), U.S. Department of Energy, Living Cities LLC, ICLEI Local Governments for Sustainability, and the Urban Sustainability Directors Network.

IN-KIND LEVERAGING

In-kind support valued at \$35,000 was received from federal, private and utility sources. These include U. S. EPA -Landfill Methane Outreach Program, APS, ICLEI Local Governments for Sustainability, Urban Sustainability Directors Network, Institute for Sustainable Communities, and AmeriCorps.

STAFF

The Program employs two, full time, permanent staff, one full time permanent staff position held vacant through December 2010, one grant-funded temporary full time staff, and one full time and one part time AmeriCorps Youth in Action Sustainability Aides.





PLANNING, POLICY DEVELOPMENT AND PROGRAMMING

The Flagstaff Sustainability Program develops projects implements policies, programming directly related to municipal and community-wide sustainability. The Program on the principles of economic. environmental, organizational and social sustainability. Planning, policies and programming support the integration of these principles throughout City operations while providing critical resources to the Flagstaff community. Examples of work priorities include:

Climate Adaptation and Management

Monitor, prepare and plan for the impacts of the changing climate on Flagstaff's local economy, natural resources and the community's well-being.

2010 Accomplishments

- Completed 2009 Municipal and Community Greenhouse Gas Reports
- Initiated a vulnerability assessment that will lead to a climate adaptation and management action plan
- Awarded Inaugural Adaptation Community grant through ICLEI

Energy Efficiency

Increase energy efficiencies in the governmental and residential sectors and prepare long-term energy planning.

2010 Accomplishments

- Initiated Residential Energy Retrofit Program
- 3rd annual LED Holiday Light Swap
- Initiated a portable Energy Meter Lending Program
- Upgraded City facilities with energy efficient LED holiday lights
- Upgraded residential lighting at FHA residences with 2,000 CFL bulbs, grant funded through APS
- Received funding to participate in 2012 International Energy Conservation Code final action hearings

IN THE NUMBERS

Residential	123 households (278	
Retrofits	residents) served	
Annual	Annual Annual	
estimated	estimated	estimated
savings:	energy	greenhouse gas
\$55,350	savings:	emissions saved:
	439,891 kWh	677,432 lbs CO2e
LED Haliday	242 households served	
LED Holiday Light Swap	242 nousenoids served	
Ligili Swap		
Annual	Annual	Annual
estimated	estimated	estimated
savings:	energy	greenhouse gas
\$1,168	savings:	emissions saved:
	9,138	7,981 lbs CO2e
	kWh	
CFL	120 households (400	
Installations	residents) served	
Annual	Annual	Annual
estimated	estimated	estimated
savings:	energy	greenhouse gas
\$25,540	savings:	emissions saved:
Ψ23,340	241,000	371,140 lbs
	kWh	CO2e
Energy	350 community members	
Efficiency	participated in residential	
Outreach	energy efficiency events and	
000	energy meter lending	
Municipal	\$9,500 in annual savings to	
Energy	the organization for energy	
Efficiency	rate improvement. \$25,500	
and	in rebates processed and	
Renewable	received for municipal	
Energy	energy efficiency and	
Rebates	renewable energy projects	
Community	53 community gardeners.	
Agriculture	Estimated food production;:	
	1,900 pounds	
Earth Day	1,800 community members	
2010	participated in the	
	celebrations, including more	
	than 60 community service	
	project participants	
Solar and	145 community members	
Wind	participated in the tour	
Energy Tour		
World	625 community members	
Carfree Day	registered to go carfree for	
	the day	

Renewable Energy

Increase municipal renewable energy generation and consumption and promote renewable energy and financing models for community.

2010 Accomplishments

- Resolution 2010-16 Increased Energy Efficiency and Renewable Energy Production for City facilities
- Initiated a renewable energy project to install 1.25 megawatts of solar photovoltaics on municipal buildings and properties

Municipal Sustainability Plan

Set clear goals, objectives and strategies for improving our organization by increasing our effectiveness, reducing consumption, and enhancing employee satisfaction.

2010 Accomplishments

- Healthy and productive employees
- Energy efficiency and renewable energy generation
- Efficient municipal fleet
- Vehicle and equipment anti-idling
- Sustainable purchasing
- Water use efficiency
- Sustainable water supply
- Paper use efficiency in municipal operations

Quality of Life

Increase our community resiliency and social well-being. 2010 Accomplishments

- Expanded Community Agriculture Projects
- Implemented Sustainable Business Guide Initiative
- Flagstaff Earth Day Celebration and Service Projects
- Solar and Wind Energy Tour
- World Carfree Day

Community Partnerships

Build and maintain partnerships to foster community-wide sustainability.

2010 Accomplishments

- AmeriCorps Youth in Action
- APS
- Coconino County / Coconino Rural Environment Corps
- Flagstaff FoodLink
- ICLEI Local Governments for Sustainability
- Neighborhood and Community Associations
- Northern Arizona Council of Governments
- Northern Arizona University
- Sustainable Economic Development Initiative
- UniSource
- Weatherization and Community Building Action Team

Looking Forward

The Sustainability
Program will
expand initiatives
in 2011.
Programming will
soon include open
space initiatives,
Open Space
Commission,

recycling and

composting.



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